

# ACKNOWLEDGEMENT RECEIPT

Electronic Version

Stylesheet Version v01

<b>Title of Invention</b>	METHOD OF IMPROVING TRANSIENT NOISE OF A SWITCHING DC-TO-DC CONVERTER WITH MULTIPLE OUTPUT VOLTAGES																																																																																																																																				
<p>Submission Type : Utility Patent Filing</p> <p>Application Number: 10/605722 </p> <p>EFS ID: 49581</p> <p>Server Response:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Confirmation Code</th> <th style="width: 75%;">Message</th> </tr> </thead> <tbody> <tr> <td>ISVR1</td> <td>Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application</td> </tr> <tr> <td>ICON1</td> <td>2721</td> </tr> </tbody> </table> <p>First Named Applicant: Guang-Nan Tzeng</p> <p>Attorney Docket Number: AITP0002USA</p> <p>Timestamp: 2003-10-22 06:19:49 EDT</p> <p>From: US</p> <p>File Listing:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Doc. Name</th> <th style="width: 50%;">File Name</th> <th style="width: 10%;">Size (Bytes)</th> <th style="width: 15%;">Date Produced (yyyymmdd)</th> </tr> </thead> <tbody> <tr><td>us-assignment</td><td>AITP0002-usassn.xml</td><td>2105</td><td>2003-10-22</td></tr> <tr><td>us-assignment</td><td>us-assignment.xsl</td><td>8983</td><td>2003-10-22</td></tr> <tr><td>us-assignment</td><td>us-assignment.dtd</td><td>10898</td><td>2003-10-22</td></tr> <tr><td>us-assignment</td><td>AITP0002ASS1.tif</td><td>32966</td><td>2003-10-22</td></tr> <tr><td>us-assignment</td><td>AITP0002ASS2.tif</td><td>31408</td><td>2003-10-22</td></tr> <tr><td>us-request</td><td>AITP0002-usrequ.xml</td><td>2704</td><td>2003-10-22</td></tr> <tr><td>us-request</td><td>us-request.dtd</td><td>19064</td><td>2003-10-22</td></tr> <tr><td>us-request</td><td>us-request.xsl</td><td>33300</td><td>2003-10-22</td></tr> <tr><td>us-fee-sheet</td><td>AITP0002-usfees.xml</td><td>2046</td><td>2003-10-22</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.xsl</td><td>24912</td><td>2003-10-22</td></tr> <tr><td>us-fee-sheet</td><td>us-fee-sheet.dtd</td><td>11069</td><td>2003-10-22</td></tr> <tr><td>us-declaration</td><td>AITP0002-usdecl.xml</td><td>1093</td><td>2003-10-22</td></tr> <tr><td>us-declaration</td><td>us-declaration.dtd</td><td>3833</td><td>2003-10-22</td></tr> <tr><td>us-declaration</td><td>us-declaration.xsl</td><td>10015</td><td>2003-10-22</td></tr> <tr><td>us-ids</td><td>AITP0002-usidst.xml</td><td>1394</td><td>2003-10-22</td></tr> <tr><td>us-ids</td><td>us-ids.dtd</td><td>7763</td><td>2003-10-22</td></tr> <tr><td>us-ids</td><td>us-ids.xsl</td><td>12026</td><td>2003-10-22</td></tr> <tr><td>us-power-of-attorney-grant</td><td>AITP0002-uspoat.xml</td><td>1009</td><td>2003-10-22</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.dtd</td><td>4923</td><td>2003-10-22</td></tr> <tr><td>us-power-of-attorney-grant</td><td>us-power-of-attorney-grant.xsl</td><td>12448</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>AITP0002-trans.xml</td><td>77294</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>us-application-body.xsl</td><td>83497</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>application-body.dtd</td><td>49498</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>wipo.ent</td><td>4956</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>mathml2.dtd</td><td>54588</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>mathml2-qname-1.mod</td><td>13225</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>isoamsa.ent</td><td>5191</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>isoamsb.ent</td><td>3988</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>isoamsc.ent</td><td>1460</td><td>2003-10-22</td></tr> <tr><td>application-body</td><td>isoamsn.ent</td><td>5620</td><td>2003-10-22</td></tr> </tbody> </table>				Confirmation Code	Message	ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application	ICON1	2721	Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)	us-assignment	AITP0002-usassn.xml	2105	2003-10-22	us-assignment	us-assignment.xsl	8983	2003-10-22	us-assignment	us-assignment.dtd	10898	2003-10-22	us-assignment	AITP0002ASS1.tif	32966	2003-10-22	us-assignment	AITP0002ASS2.tif	31408	2003-10-22	us-request	AITP0002-usrequ.xml	2704	2003-10-22	us-request	us-request.dtd	19064	2003-10-22	us-request	us-request.xsl	33300	2003-10-22	us-fee-sheet	AITP0002-usfees.xml	2046	2003-10-22	us-fee-sheet	us-fee-sheet.xsl	24912	2003-10-22	us-fee-sheet	us-fee-sheet.dtd	11069	2003-10-22	us-declaration	AITP0002-usdecl.xml	1093	2003-10-22	us-declaration	us-declaration.dtd	3833	2003-10-22	us-declaration	us-declaration.xsl	10015	2003-10-22	us-ids	AITP0002-usidst.xml	1394	2003-10-22	us-ids	us-ids.dtd	7763	2003-10-22	us-ids	us-ids.xsl	12026	2003-10-22	us-power-of-attorney-grant	AITP0002-uspoat.xml	1009	2003-10-22	us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-10-22	us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-10-22	application-body	AITP0002-trans.xml	77294	2003-10-22	application-body	us-application-body.xsl	83497	2003-10-22	application-body	application-body.dtd	49498	2003-10-22	application-body	wipo.ent	4956	2003-10-22	application-body	mathml2.dtd	54588	2003-10-22	application-body	mathml2-qname-1.mod	13225	2003-10-22	application-body	isoamsa.ent	5191	2003-10-22	application-body	isoamsb.ent	3988	2003-10-22	application-body	isoamsc.ent	1460	2003-10-22	application-body	isoamsn.ent	5620	2003-10-22
Confirmation Code	Message																																																																																																																																				
ISVR1	Submission was successfully submitted - Even if Informational or Warning Messages appear below, please do not resubmit this application																																																																																																																																				
ICON1	2721																																																																																																																																				
Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)																																																																																																																																		
us-assignment	AITP0002-usassn.xml	2105	2003-10-22																																																																																																																																		
us-assignment	us-assignment.xsl	8983	2003-10-22																																																																																																																																		
us-assignment	us-assignment.dtd	10898	2003-10-22																																																																																																																																		
us-assignment	AITP0002ASS1.tif	32966	2003-10-22																																																																																																																																		
us-assignment	AITP0002ASS2.tif	31408	2003-10-22																																																																																																																																		
us-request	AITP0002-usrequ.xml	2704	2003-10-22																																																																																																																																		
us-request	us-request.dtd	19064	2003-10-22																																																																																																																																		
us-request	us-request.xsl	33300	2003-10-22																																																																																																																																		
us-fee-sheet	AITP0002-usfees.xml	2046	2003-10-22																																																																																																																																		
us-fee-sheet	us-fee-sheet.xsl	24912	2003-10-22																																																																																																																																		
us-fee-sheet	us-fee-sheet.dtd	11069	2003-10-22																																																																																																																																		
us-declaration	AITP0002-usdecl.xml	1093	2003-10-22																																																																																																																																		
us-declaration	us-declaration.dtd	3833	2003-10-22																																																																																																																																		
us-declaration	us-declaration.xsl	10015	2003-10-22																																																																																																																																		
us-ids	AITP0002-usidst.xml	1394	2003-10-22																																																																																																																																		
us-ids	us-ids.dtd	7763	2003-10-22																																																																																																																																		
us-ids	us-ids.xsl	12026	2003-10-22																																																																																																																																		
us-power-of-attorney-grant	AITP0002-uspoat.xml	1009	2003-10-22																																																																																																																																		
us-power-of-attorney-grant	us-power-of-attorney-grant.dtd	4923	2003-10-22																																																																																																																																		
us-power-of-attorney-grant	us-power-of-attorney-grant.xsl	12448	2003-10-22																																																																																																																																		
application-body	AITP0002-trans.xml	77294	2003-10-22																																																																																																																																		
application-body	us-application-body.xsl	83497	2003-10-22																																																																																																																																		
application-body	application-body.dtd	49498	2003-10-22																																																																																																																																		
application-body	wipo.ent	4956	2003-10-22																																																																																																																																		
application-body	mathml2.dtd	54588	2003-10-22																																																																																																																																		
application-body	mathml2-qname-1.mod	13225	2003-10-22																																																																																																																																		
application-body	isoamsa.ent	5191	2003-10-22																																																																																																																																		
application-body	isoamsb.ent	3988	2003-10-22																																																																																																																																		
application-body	isoamsc.ent	1460	2003-10-22																																																																																																																																		
application-body	isoamsn.ent	5620	2003-10-22																																																																																																																																		

Doc. Name	File Name	Size (Bytes)	Date Produced (yyyymmdd)
application-body	isoamso.ent	1934	2003-10-22
application-body	isoamsr.ent	7073	2003-10-22
application-body	isogrk3.ent	3559	2003-10-22
application-body	isomfrk.ent	4553	2003-10-22
application-body	isomopf.ent	2571	2003-10-22
application-body	isomscr.ent	4628	2003-10-22
application-body	isotech.ent	5268	2003-10-22
application-body	isobox.ent	3568	2003-10-22
application-body	isocyr1.ent	5345	2003-10-22
application-body	isocyr2.ent	2504	2003-10-22
application-body	isodia.ent	1508	2003-10-22
application-body	isolat1.ent	5282	2003-10-22
application-body	isolat2.ent	9007	2003-10-22
application-body	isounum.ent	5913	2003-10-22
application-body	isopub.ent	6621	2003-10-22
application-body	mimlextra.ent	7901	2003-10-22
application-body	mmlalias.ent	38209	2003-10-22
application-body	soextblk.dtd	12870	2003-10-22
application-body	001.tif	304	2003-10-22
application-body	aitp0002usa-01.tif	19764	2003-10-22
application-body	aitp0002usa-02.tif	10168	2003-10-22
application-body	aitp0002usa-03.tif	19918	2003-10-22
application-body	aitp0002usa-04.tif	11010	2003-10-22
application-body	aitp0002usa-05.tif	20916	2003-10-22
application-body	aitp0002usa-06.tif	14150	2003-10-22
application-body	aitp0002usa-07.tif	14588	2003-10-22
us-declaration	AITP0002DEC1.tif	41228	2003-10-22
us-declaration	AITP0002DEC2.tif	29880	2003-10-22
package-data	AITP0002-pkda.xml	10372	2003-10-22
package-data	package-data.dtd	27025	2003-10-22
package-data	us-package-data.xls	19263	2003-10-22
Total files size			900176

Message Digest:

ec94fd5f101be65c9527a21007ebfdbb7ce4732

Digital Certificate Holder Name:

cn=Winston Hsu,ou=Registered Attorneys,ou=Patent and Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US